

110818 to 110821—Continued.

Introduced for Department specialists.

110818. No. 1.

110819. No. 2.

110820. No. 3. A new variety derived from a cross between *Hindenburg* and *Centifolia*. It is wart immune and resistant to late blight and black scab. It has also proved to be a heavy yielder with well-shaped tubers.

110821. No. 4. *Centifolia*.

110822 to 110829.

From Cuba. Seeds presented by R. M. Grey, Superintendent of the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received April 27, 1935.

110822. *ALBIZZIA* sp. Mimosaceae.

110823. *ARCHONTOPHOENIX ALEXANDRAE* (F. Muell.) Wendl. and Drude. *Phoenixaceae*. *Palm*.

A pinnate-leaved palm 70 to 80 feet high, with leaves several feet long and lanceolate, usually entire, leaflets up to 2 feet in length and whitish beneath. The yellow-green flowers are borne in a cluster about a foot long and are followed by small dry round fruits. It is native to Queensland, Australia.

For previous introduction see 104679.

110824. *BIGNONIA MAGNIFICA* Bull. *Bignoniaceae*.

A vigorous climbing vine, native to Colombia, with attractive deep-green simple elliptic-ovate leaves and large trumpet-shaped flowers over 3 inches across. These range in color from mauve to purple red, the throat being primrose.

For previous introduction see 76488.

110825. *CASSIA GRANDIS* L. f. *Caesalpinaceae*. *Pink-shower*.

A leguminous tree, 40 to 50 feet high, that produces masses of pale-pink flowers in the early spring before the leaves appear. Native to Panama.

For previous introduction see 106917.

110826 and 110827. *COCHLOSPERMUM VITIFOLIUM* (Willd.) Spreng. *Cochlospermaceae*.

From Cuba. Seeds presented by the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, through F. G. Walsingham. Received April 27, 1935.

A deciduous shrub or small tree, native to Central America, with grapelike leaves and bright-yellow flowers, sometimes 6 inches across, in large clusters.

For previous introduction see 93266.

110826. Cuban type.

110827. Panama type.

110828. *LYCOSERIS OBLONGIFOLIA* Rusby. *Asteraceae*.

A shrub about 8 feet high, with leathery lanceolate leaves, densely white-hairy beneath, and showy orange-yellow flower heads. Native to Guatemala.

110829. *MYRCIARIA CAULIFLORA* (Mart.) Berg. *Myrtaceae*. *Jaboticaba*.

A Brazilian tree up to 35 feet high, with narrowly elliptic acuminate leaves, short-pedicelled flowers produced directly

110822 to 110829—Continued.

from the bark of the trunk and branches, and purplish-violet, globose edible fruits up to nearly 2 inches in diameter.

For previous introduction see 105745.

110830 to 110832.

From Venezuela and Colombia. Bulbs collected by W. A. Archer, Bureau of Plant Industry. Received May 3, 1935.

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110830. *FURCRAEA* sp. *Amaryllidaceae*.

No. 3193. Collected near Capacho, Tachira, Venezuela, March 12, 1935.

110831. *GLADIOLUS PSITTACINUS* Hook. *Iridaceae*. *Parrot gladiolus*.

No. 3262. *Palmada San Jose*. From a mountain plateau in Colombia, March 24, 1935. A gladiolus with a stout stem 3 feet or more high and usually four rigid swordlike leaves up to 2 feet long. The many-flowered spike reaches a foot or more in length. The flowers are a rich yellow, grained and overlaid with red, particularly about the margins of the segments.

For previous introduction see 57797.

110832. *AMARYLLIS BELLADONNA* L. *Amaryllidaceae*.

No. 3261. *Azucana*. From a paramo swamp in Colombia, March 24, 1935. Flowers pink and white.

110833. *FURCRAEA CUBENSIS* (Jacq.) Vent. *Amaryllidaceae*.

From Haiti. Bulbils presented by Russell Bean. Received May 25, 1935.

Collected March 6, 1935, south of Fort Liberty Bay, Haiti, found growing on lime soil in partial shade. A nearly trunkless, succulent plant with lanceolate, bright-green leaves 3 to 6 feet long which yield fiber softer and finer than sisal. The small greenish-white flowers are borne on a stalk sometimes 20 feet high. The bulbils are as plentiful as seeds.

For previous introduction see 33493.

110834 to 110837. *AVENA SATIVA* L. *Poaceae*. *Oats*.

From the Union of Soviet Socialist Republics. Seeds presented by G. N. Shlykov, Department of New Cultures, Institute of Plant Industry, Leningrad. Received May 8, 1935.

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110834. No. 3444. *Zhemtshushina*. From Vyatka.

110835. No. 8231. No. 26-2015. From Ukraine.

110836. No. 8232. No. 21-18. From Ukraine.

110837. No. 7237. *Verkhnistchesky* 053. From Ukraine.

110838 and 110839.

From Mexico. Seeds purchased from Dr. C. A. Purpus, Zacuapam, Huatusco, Vera Cruz. Received April 30, 1935.

110838. *AECHMEA BRACTEATA* (Sw.) Griseb. *Bromeliaceae*.

A West Indian epiphyte, with 12 to 20 spiny, oblong, radical leaves about 2 feet